

**REMARKS**

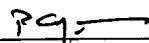
Reconsideration of the application as amended is respectfully requested. The Examiner has restricted examination of claims 1-65 in this application. Specifically, the Examiner restricted claims 1-15 to Group I as directed to a system with an energy analysis module to establish energy performance of the electric motor; claims 16-41, 44-47, and 56-65 to Group II as directed to a system and method with a motor estimation module to establish estimated values of plurality of electrical parameters of an electric motor; and claims 42, 43, and 48-55 to Group III as directed to a system and method with means for establishing comparison criteria between the electric motor and an alternative motor.

Although Applicants do not necessarily agree with the Examiner's reasons for restriction, Applicants elect to prosecute claims 16-41, 44-47, and 56-65 of Group II. Therefore, Applicants cancel claims 1-15, 42, 43, and 48-55 without prejudice for possible inclusion in a divisional application.

If the Examiner believes that a telephonic interview will help speed this application toward issuance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

Date: July 14, 2005

  
\_\_\_\_\_  
Patrick S. Yoder  
Reg. No. 37,479  
FLETCHER YODER  
P.O. Box 692289  
Houston, TX 77269-2289  
(281) 970-4545